

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://FDILab.SciCrunch.org) on May 14, 2025

Rabbit monoclonal anti-SirT6 (D8D12)

RRID:AB_2636969

Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 12486, RRID:AB_2636969)

Antibody Information

URL: http://antibodyregistry.org/AB_2636969

Proper Citation: (Cell Signaling Technology Cat# 12486, RRID:AB_2636969)

Target Antigen: SirT6

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IF-IC

Antibody Name: Rabbit monoclonal anti-SirT6 (D8D12)

Description: This monoclonal targets SirT6

Target Organism: monkey, rat, mouse, human

Clone ID: D8D12

Antibody ID: AB_2636969

Vendor: Cell Signaling Technology

Catalog Number: 12486

Record Creation Time: 20231110T034652+0000

Record Last Update: 20240725T020208+0000

Ratings and Alerts

No rating or validation information has been found for Rabbit monoclonal anti-SirT6 (D8D12)

.

No alerts have been found for Rabbit monoclonal anti-SirT6 (D8D12) .

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 25 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Kong W, et al. (2024) Cardiac injury activates STING signaling via upregulating SIRT6 in macrophages after myocardial infarction. Life sciences, 341, 122474.

Kang TS, et al. (2024) YZL-51N functions as a selective inhibitor of SIRT7 by NAD⁺ competition to impede DNA damage repair. iScience, 27(6), 110014.

Qu Q, et al. (2024) Lithocholic acid binds TULP3 to activate sirtuins and AMPK to slow down ageing. Nature.

Welch N, et al. (2024) Differential impact of sex on regulation of skeletal muscle mitochondrial function and protein homeostasis by hypoxia-inducible factor-1 α in normoxia. The Journal of physiology, 602(12), 2763.

Noronha KJ, et al. (2024) NAPRT Silencing in FH-Deficient Renal Cell Carcinoma Confers Therapeutic Vulnerabilities via NAD⁺ Depletion. Molecular cancer research : MCR, 22(10), 973.

Bi S, et al. (2024) The sirtuin-associated human senescence program converges on the activation of placenta-specific gene PAPPA. Developmental cell.

Wei Y, et al. (2024) Sirt6 regulates the proliferation of neural precursor cells and cortical neurogenesis in mice. iScience, 27(2), 108706.

Xue W, et al. (2024) Cardioprotective effect of Cinnamamide derivative compound 10 against myocardial ischemia-reperfusion through regulating cardiac autophagy via Sirt1. Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie, 176, 116819.

Li Y, et al. (2023) SIRT2 negatively regulates the cGAS-STING pathway by deacetylating G3BP1. EMBO reports, 24(12), e57500.

Song N, et al. (2023) Discovery of a pyrrole-pyridinimidazole derivative as novel SIRT6 inhibitor for sensitizing pancreatic cancer to gemcitabine. *Cell death & disease*, 14(8), 499.

Tian Y, et al. (2023) Protocol to purify the histone deacetylase SIRT6 and assess its activity in vitro. *STAR protocols*, 4(2), 102206.

Zhu J, et al. (2023) Overexpression of Sirt6 ameliorates sleep deprivation induced-cognitive impairment by modulating glutamatergic neuron function. *Neural regeneration research*, 18(11), 2449.

Kong W, et al. (2023) Akt2 deficiency alleviates oxidative stress in the heart and liver via up-regulating SIRT6 during high-fat diet-induced obesity. *Clinical science (London, England : 1979)*, 137(10), 823.

Kim Y, et al. (2023) Glutathione dynamics is a potential predictive and therapeutic trait for neoadjuvant chemotherapy response in bladder cancer. *Cell reports. Medicine*, 4(10), 101224.

Liu LB, et al. (2022) Limonin stabilises sirtuin 6 (SIRT6) by activating ubiquitin specific peptidase 10 (USP10) in cardiac hypertrophy. *British journal of pharmacology*, 179(18), 4516.

Hostrup M, et al. (2022) High-intensity interval training remodels the proteome and acetylome of human skeletal muscle. *eLife*, 11.

Hou T, et al. (2022) Cytoplasmic SIRT6-mediated ACSL5 deacetylation impedes nonalcoholic fatty liver disease by facilitating hepatic fatty acid oxidation. *Molecular cell*, 82(21), 4099.

Tsai YC, et al. (2021) Upregulating sirtuin 6 ameliorates glycolysis, EMT and distant metastasis of pancreatic adenocarcinoma with krüppel-like factor 10 deficiency. *Experimental & molecular medicine*, 53(10), 1623.

Khan D, et al. (2021) SIRT6 transcriptionally regulates fatty acid transport by suppressing PPAR γ . *Cell reports*, 35(9), 109190.

Aon MA, et al. (2020) Untangling Determinants of Enhanced Health and Lifespan through a Multi-omics Approach in Mice. *Cell metabolism*, 32(1), 100.